



KING COUNTY

**.NET APPLICATION DEVELOPER
INFORMATION SYSTEMS ANALYST II
DEPARTMENT OF EXECUTIVE SERVICES
INFORMATION AND TELECOMMUNICATIONS SERVICES DIVISION
Annual Salary Range: \$55,012 – \$77,525
Job Announcement: 04CY4334
OPEN: 9/13/04 CLOSE: Open Until Filled**

WHO MAY APPLY: This position is open to the general public.

WHERE TO APPLY: Required forms and materials **must** be sent to: Christine Ynzunza, 700 5th Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834. Email applications are encouraged at HRITS@metrokc.gov. All application materials are **required**. Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE:** Applications not received at the location specified above and those that are not complete may not be processed.

FORMS AND MATERIALS REQUIRED:

- [King County application form](http://www.metrokc.gov/ohrm/jobs/JobApplications.htm). Application forms may be found at <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>;
- Resume;
- A letter of interest detailing your background and describing how you meet or exceed the requirements.

WORK LOCATION: 700 Fifth Avenue, Key Tower, Downtown Seattle, WA.

WORK SCHEDULE: This position is exempt from the FLSA standards and is not overtime eligible. The work week is normally Monday through Friday 8:00 a.m. to 5:00 p.m.

POSITION PURPOSE: This position will work independently or as a team member defining requirements, designing, developing, testing and supporting Web and Desktop-based applications.

PRIMARY JOB DUTIES INCLUDE:

- Work with clients to plan business processes incorporating new Web and Desktop technology.
- Assist project teams in identifying and determining functional and technical requirements for new Web and Desktop applications.
- Create and oversee detail specifications and prototypes for Web and Desktop applications that meet client requirements.
- Analyze, design, develop, test, document, and implement production applications including integration with legacy applications and databases.
- Develop and oversee test plans and test scenarios based on requirements and specifications including utilization of efficient debugging processes.
- Conduct and participate in quality assurance reviews and peer reviews.
- Develop training plans and train others, as needed.
- Define detailed project plans including work breakdown structures and project tasks to meet requirements and scope.
- Other duties as assigned.

KING COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER. JOB ANNOUNCEMENTS ARE AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.

(206) 296-5209 JOBLINE <http://www.metrokc.gov/ohrm/psd/openings.html> Website Address (206)-296-8535 TTY

QUALIFICATIONS: Bachelor's degree in business, management information systems or computer science or related field is required, or an equivalent combination of experience and education may be substituted. At least 3 years experience in systems analysis, applications and systems design, development, documentation and testing applications, including 2 years object-oriented development experience with Web-based and Client Server applications. Other qualifications include:

- Experience developing and supporting mission critical Web, Desktop based applications using one or more of the following languages: C#, Access, ASP.NET, Java, VB script, XML, HTTP, HTTPS, HTML, VB, IIS, VPN, Secure FTP, APIs and other Web-based protocols.
- Experience working with SQL Server 7 or 2000 and Access, including developing and maintaining SQL databases, tables, stored procedures, and triggers.
- At least one year report development experience using Crystal Reports.
- Knowledge and experience with software development best practices including software development lifecycles (SDLC's).
- Experience developing requirements, creating architecture and detail application design documents and formal testing procedures.
- Familiarity with project management concepts including software change management, configuration management, risk management and project estimating and scheduling (Work Breakdown Structure).
- Excellent oral and written communication skills.
- Outstanding organizational skills and the ability to prioritize multiple tasks.
- The ability to coordinate with clients, understand their business needs, address sensitive issues that cross organizational lines and effectively manage conflicting priorities.

DESIRABLE QUALIFICATIONS:

- Development experience in the .NET environment utilizing .NET development tools such as Visual Basic.NET and Visual Studio.NET.
- Certification in Microsoft products such as SQL Server, Visual Basic.NET, ASP.NET and System Architecture and Design.
- Experience developing using a three-tier architecture.
- Use of middleware products, such as IBM's MQ series.
- Knowledge and experience using SQL Server Reporting Services

NECESSARY SPECIAL QUALIFICATIONS:

- The ability to arrive at the designated worksite in a timely manner when public transportation may not be readily available.
- Applicants selected for this position may be required to pass a background check and criminal history screening.

SELECTION PROCESS: Applications will be screened for qualifications, clarity and completeness. The most competitive applicants may be invited to participate in an interview.

UNION REPRESENTATION: This position is represented by the International Federation of Professional and Technical Workers L17 IT bargaining unit.

CLASS CODE: 440101

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Supplemental Questionnaire**

Please provide a concise written response to the following questions. You will be evaluated on your level and extent of experience, level of technical knowledge and clarity of response. Please include your name and job number at the top of each page.

1. Describe your experience and process in obtaining requirements for a new application including the steps taken and the documents produced. Explain how you built the project plan and estimated the project.
2. Define what you see are the essential phases of an application development project, from a stated idea by a client to the successful implementation and maintenance of the application.
3. Describe your experience using a middle ware integration product such as IBM's MQ series and/or Microsoft's MAMA.
4. Describe the server environments that you have both developed on and deployed to. What has been your role in these environments?
5. Describe your experience performing data modeling, database design and creation of SQL Server or Access databases. Provide details about the most complex database you have designed including the Relational Data Base Management System used and number of tables. Describe the data access objects you have used; from which application languages to which databases.
6. Describe your design and development experience using C# or VB.NET, including details about the application. You should describe the most complex project you've completed, the team size and project duration. Include information regarding your role on the project and tasks that were specifically your responsibility.
7. Describe your design and development experience using **Access**, including details about the application. You should describe the most complex project you've completed and whether you used Access as the front-end (forms, reports), as a back-end (Data Base) or both. If you did not use Access as the back-end, identify the Data Base System used.

8. Please complete the skills matrix below:

Skill	Version	Years Experience	Month/Year Last Used	Self Rating (1-5) 1=novice 5=expert
Development Tools				
Visual Basic				
Visual Basic .NET				
ASP				
ASP.NET				
Access				
Front End (Forms, Reports, VBA)				
Back End (Data Base)				
C#				
eCommerce Design/Development				
Data Base				
- Data Modeling				
- Database Design				
SQL Server				
- Transact SQL (TSQL)				
- Stored Procedures				
- DTS Packages				
Mainframe				
COBOL				
CICS				
VSAM				
Middleware (MQ Series)				
Systems Development Life Cycle				
Requirements Definition Experience				
Project Management				
Work Breakdown Structure				
Task estimates				
Project Scheduling				
Microsoft Project (tool)				